

## **Abstract**

The invention intends to improve the determination of the resonant frequency of a resonant circuit, in particular of a heating circuit for a discharge lamp. For this purpose, the frequency of a supply voltage for the resonant circuit is varied within a predetermined frequency range. The voltage or the current across/in the resonant circuit are measured as a function of the varied frequency. The predetermined frequency range is run through in both directions, in each case a maximum for the measured voltage or the measured current being established. The resonant frequency is preferably calculated from the two maxima by averaging.